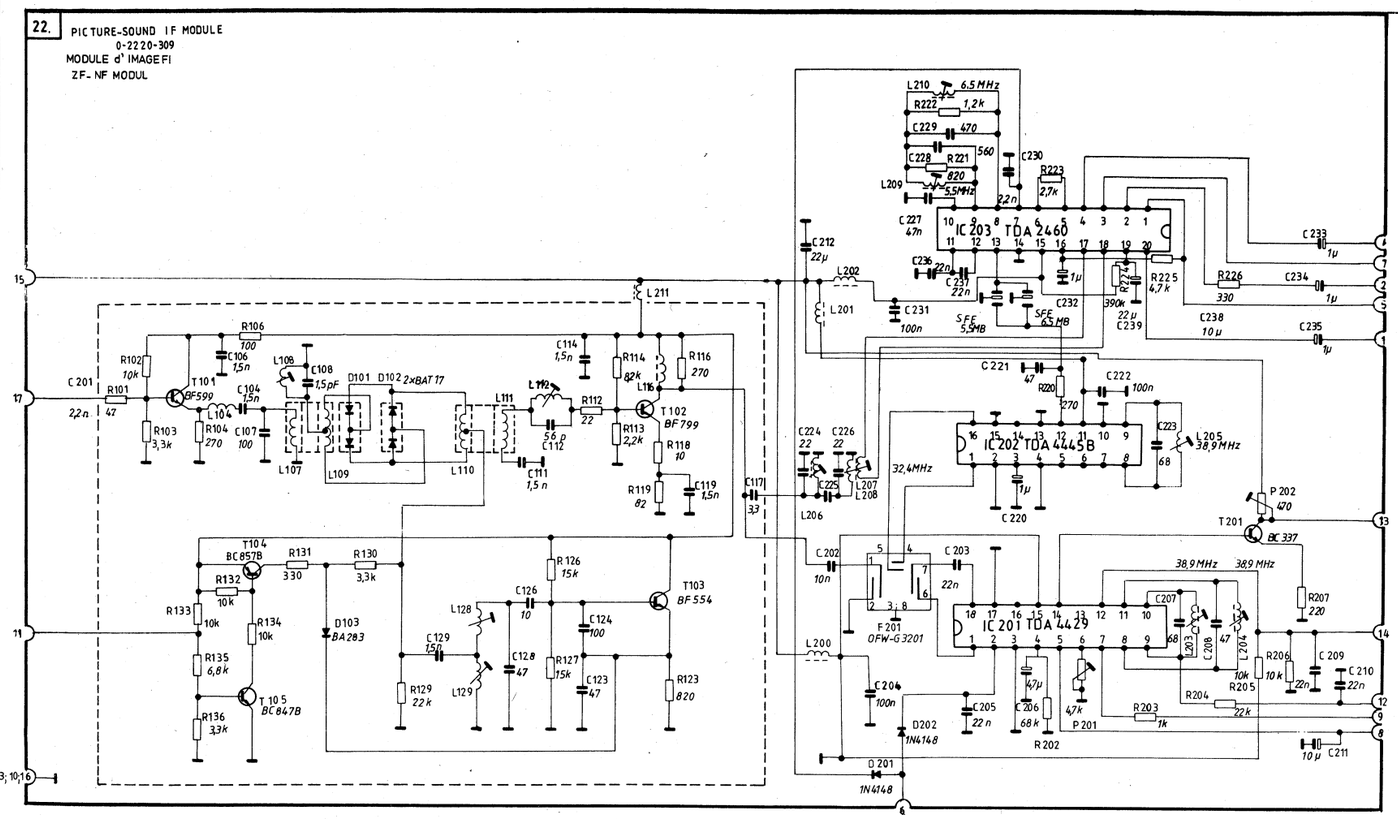
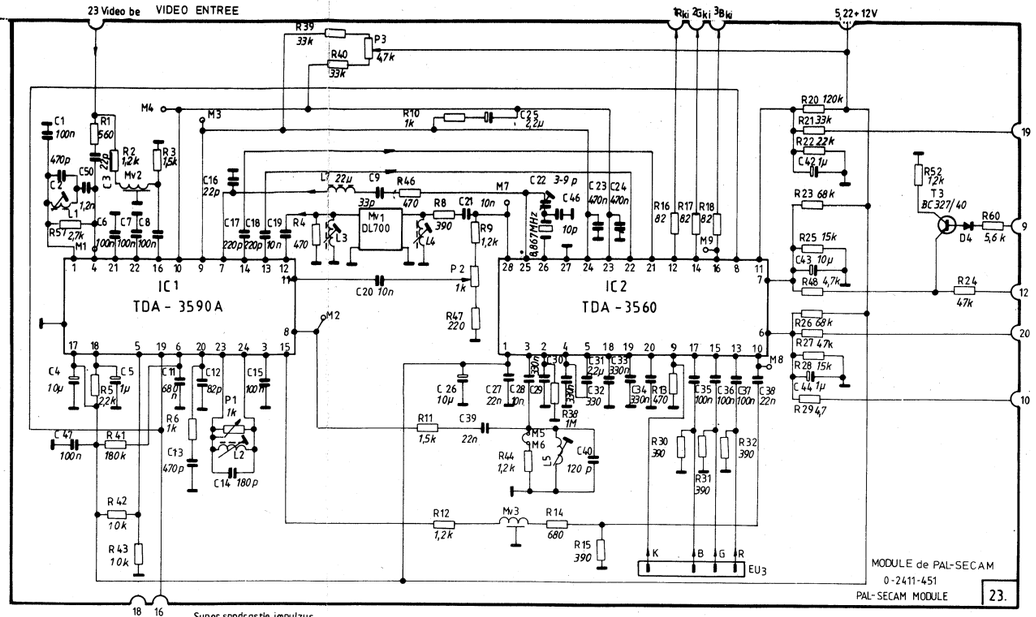
VIDEOTON TS-3354

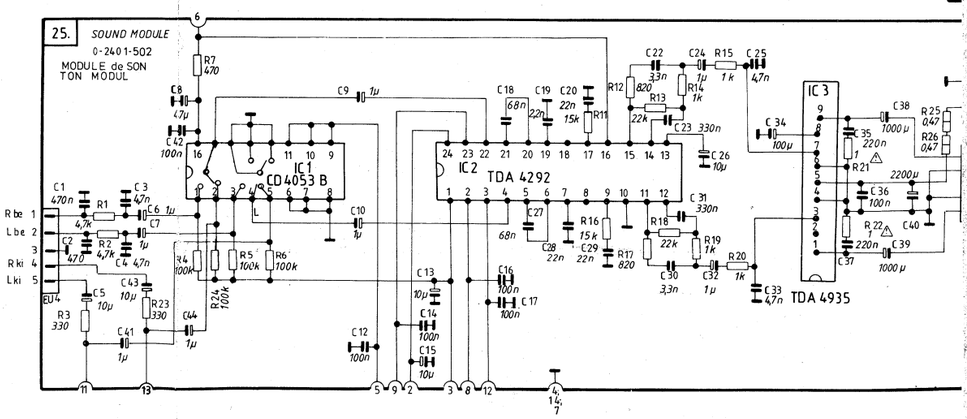
MODEL

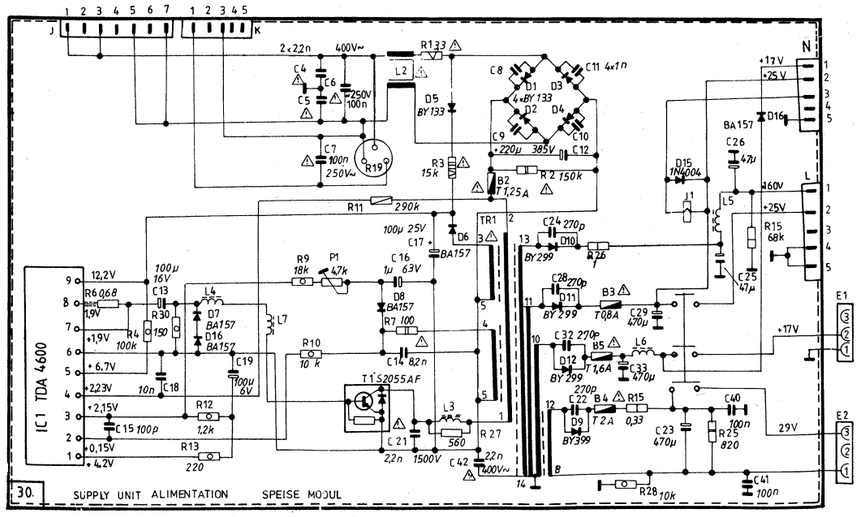
SERVICE MANUAL

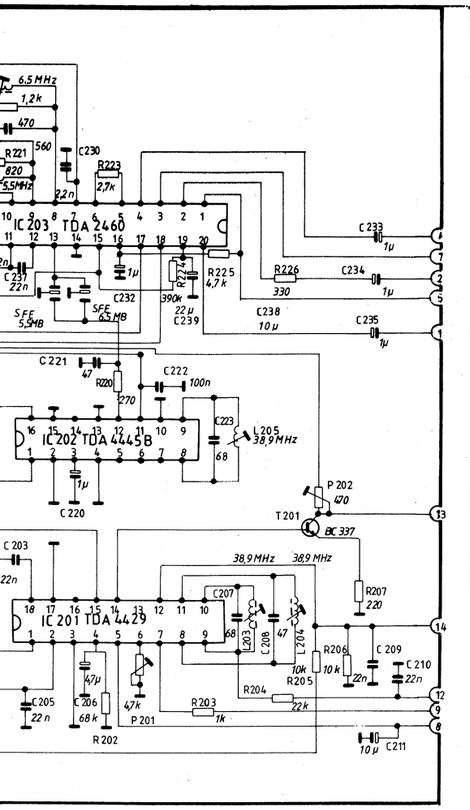
22. PICTURE-SOUND IF MODULE
0-2220-309
MODULE d' IMAGE FI
ZF- NF MODUL

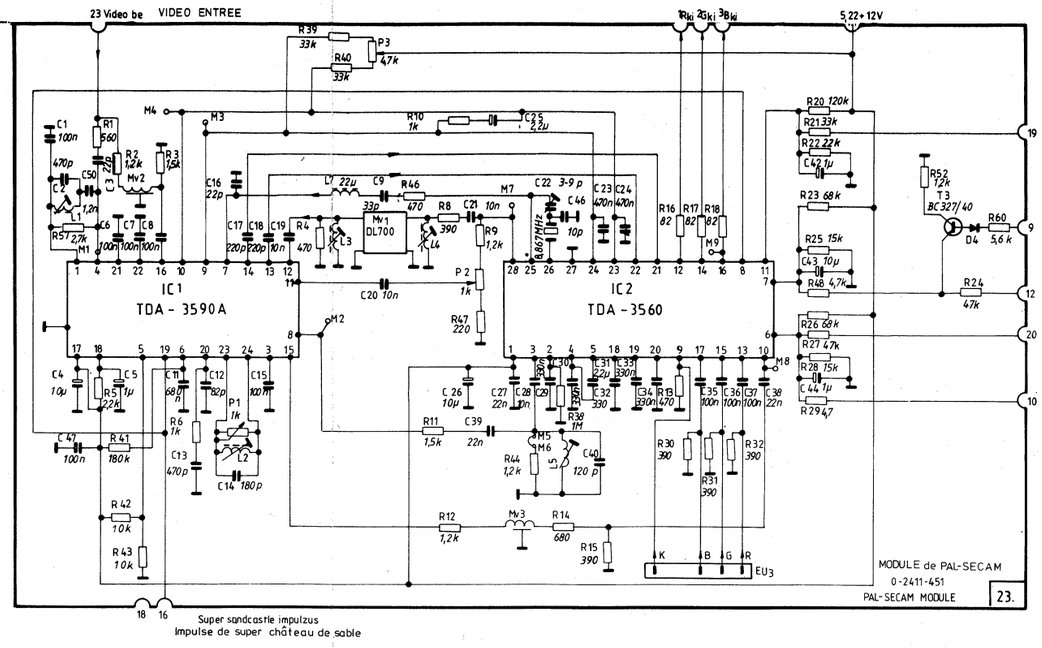


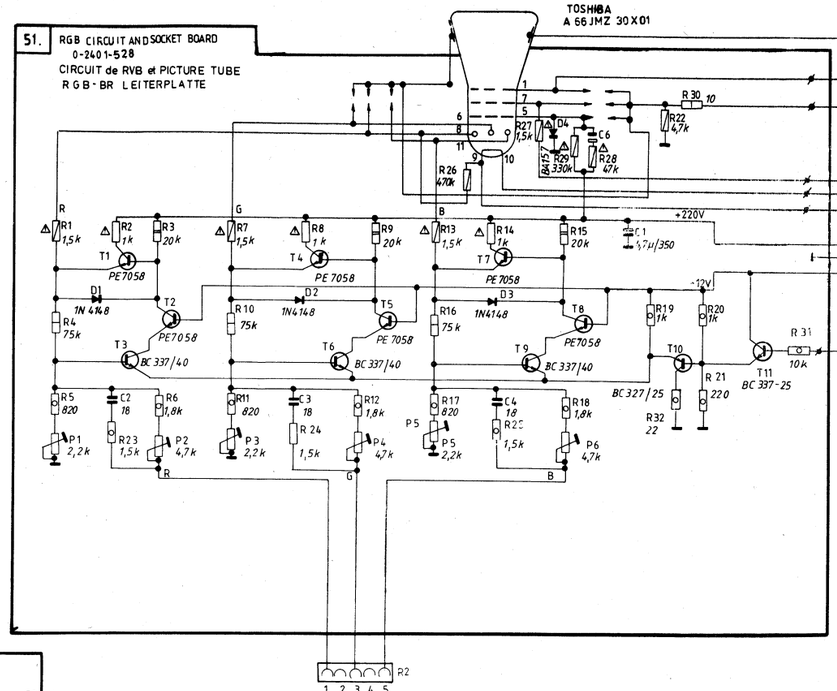


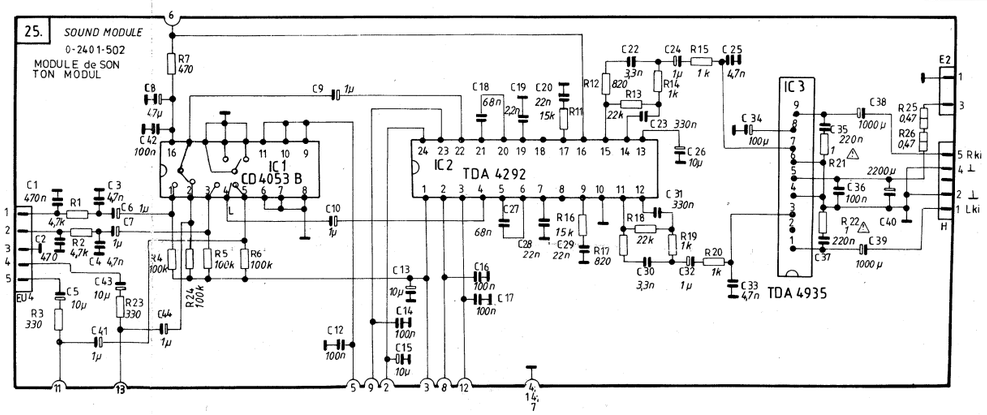


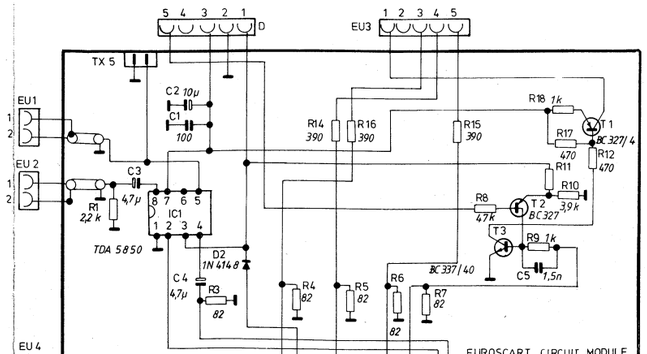



IC 203 TDA 2460
IC 202 TDA 4445 B
IC 201 TDA 4429
T201 BC 337
P 202
P 201
R 202
38,9 MHz
6,5 MHz
5,5 MHz
SFE 5,5 MB
SFE 6,5 MB


23 Video be VIDEO ENTREE
IC1 TDA - 3590A
IC2 TDA - 3560
MODULE de PAL-SECAM
0-2411-451
PAL-SECAM MODULE
23.
Super standcastle impulzus
Impulse de super château de sable


51.
RGB CIRCUIT AND SOCKET BOARD
0-2401-528
CIRCUIT de RVB et PICTURE TUBE
RGB-BR LEITERPLATTE
TOSHIBA
A 66 JMZ 30 X 01
30 kV
focus CONCENTRATIO
ground MASSE
+220V
-12V
PE 7058
BC 337/40
BC 327/25
BC 337-25


25.
SOUND MODULE
0-2401-502
MODULE de SON
TON MODUL
IC1 CD 4053 B
IC2 TDA 4292
IC 3 TDA 4935


TX 5
EU1
EU 2
EU 4
EU3
IC1
TDA 5850
EUROSCART CIRCUIT MODULE

MODULE de PAL-SECAM
0-2411-451
PAL-SECAM MODULE
23.

Super sandcastle impulzus
Impulse de super château de sable

25. SOUND MODULE 0-2401-502
MODULE de SON
TON MODUL

IC1 CD4053 B
IC2 TDA 4292
IC3 TDA 4935

30. SUPPLY UNIT ALIMENTATION SPEISE MODUL

IC1 TDA 4600

41. MODULE de VERTICAL 0-2401-486
VERTICAL MODULE

IC1 TDA 1170 S

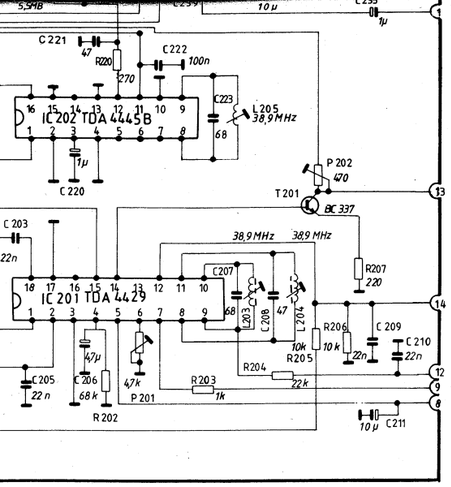
42. E-W MODULE 0-2401-485
MODULE de CORRECTION E-O

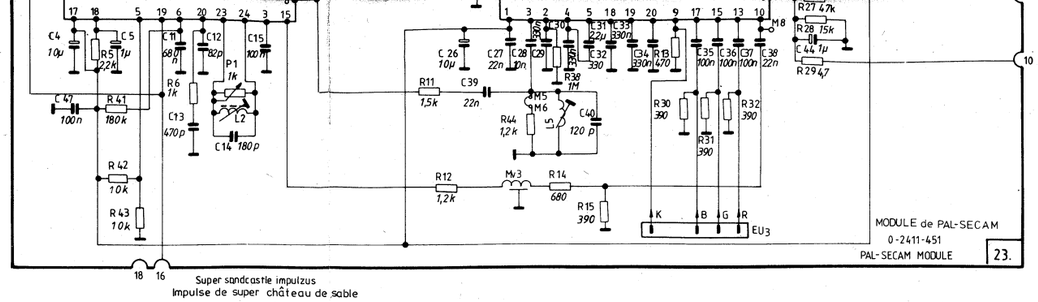
hor. ampl. P3

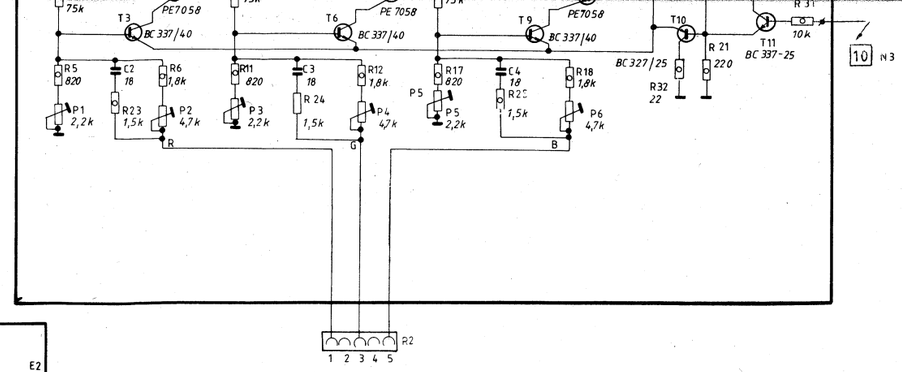
24. SYNC. MODULE 0-2401-394
MODULE de SYNCRONISATION

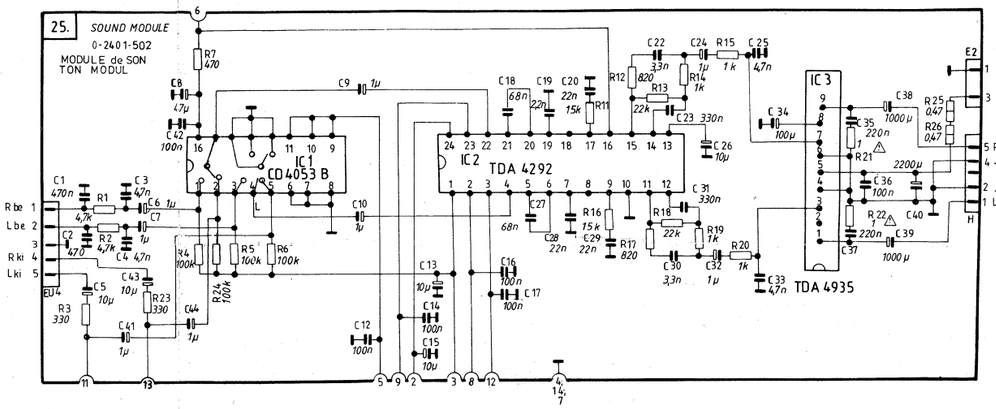
IC401 TDA 1950

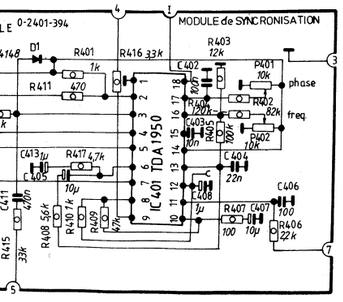
EUROSCART CIRCUIT MODULE
0-2401-524
CIRCUIT de PERITEL
26.











SHEMA THEORIQUE

CIRCUIT DIAGRAM
WT 770 (WT 6328)
SCHALTBILD

0-0104-112

BLATT 3
SHEET 3
3 IEME PAGE
89.06.16.

4,7 K

22. PICTURE-SOUND IF MODULE
0-2220-309
MODULE d' IMAGE FI
ZF- NF MODUL

IC 203 TDA 2460
IC 202 TDA 4445B
IC 201 TDA 4429
F 201 OFW-G 3201
T 101 BF599
T 102 BF 799
T 103 BF 554
T 104 BC 857B
T 105 BC 847B
T 201 BC 337
D 201 1N4148
D 202 1N4148
D101 D102 2xBAT 17
D103 BA 283

23 Video be VIDEO ENTREE

IC1 TDA - 3590A

Super sandcastle impulzus
Impulse de super château de sable

25. SOUND MODULE
0-2401-502
MODULE de SON
TON MODUL

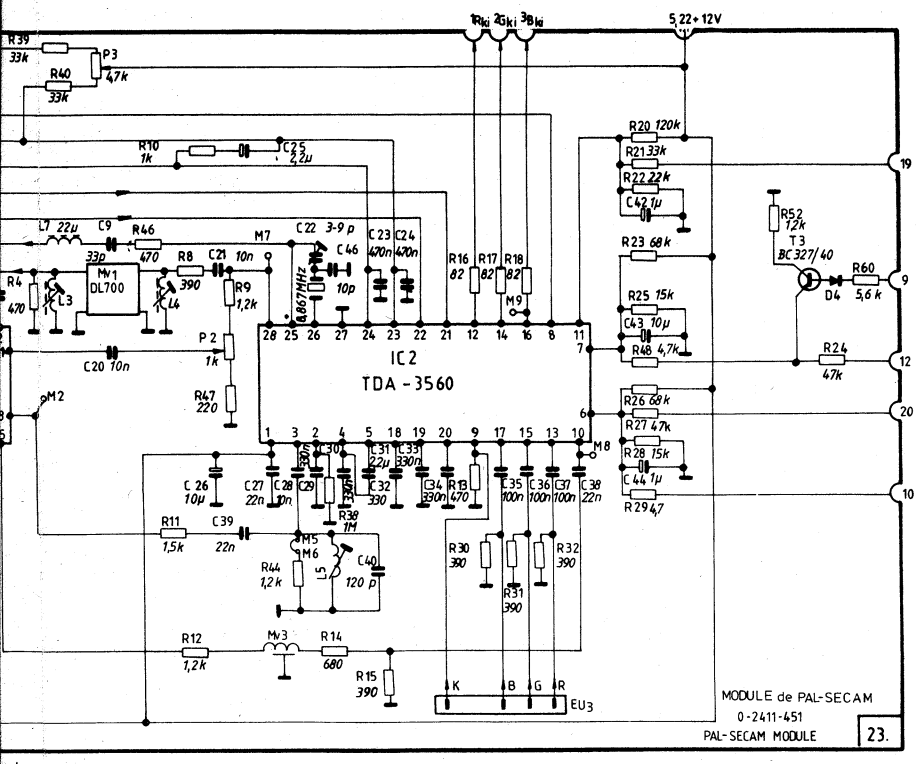
30. SUPPLY UNIT ALIMENTATION SPEISE MODUL
IC1 TDA 4600
T1 S2055AF

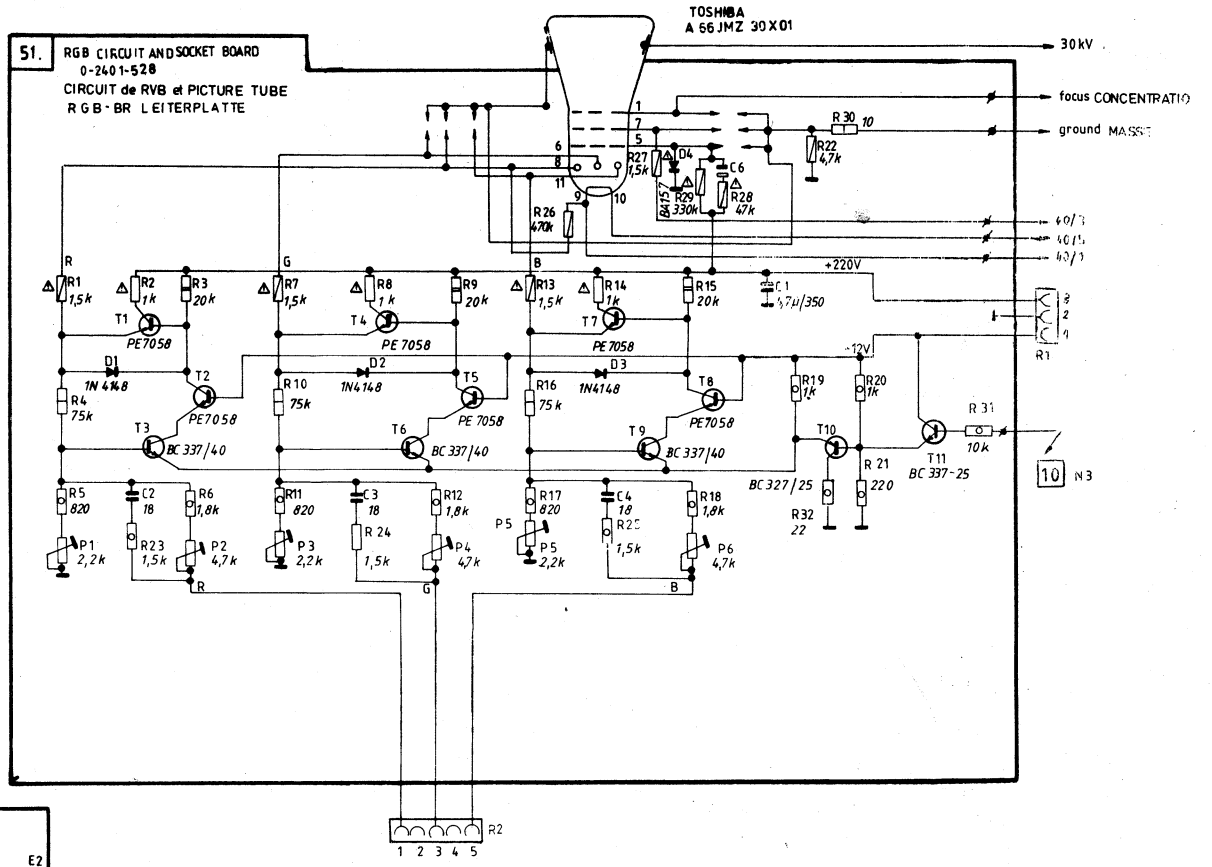
41. VERTICAL MODULE
MODULE deVERTICAL
0-2401-486
IC1 TDA 1170 S

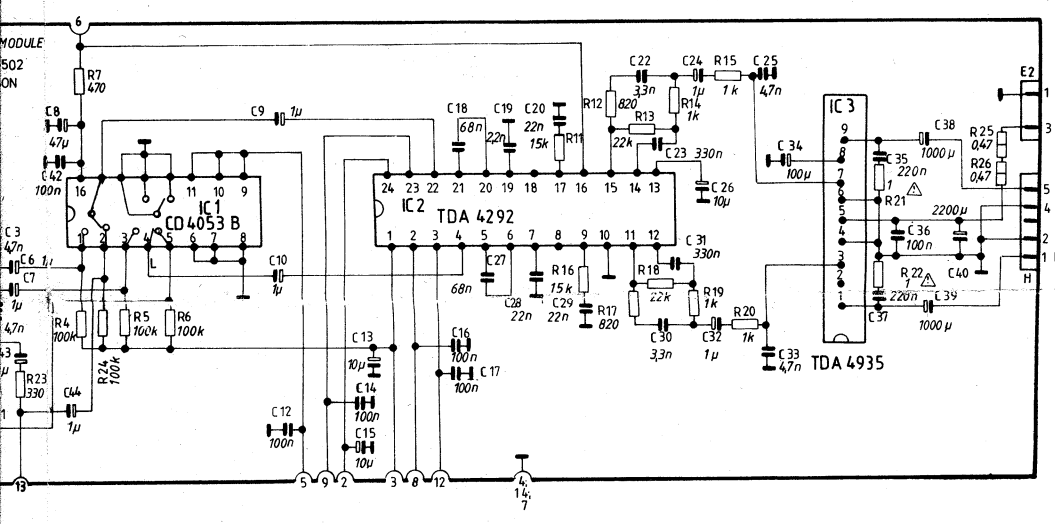
42. E-W MODULE
0-2401-485
MODULE de CORRECTION E-O

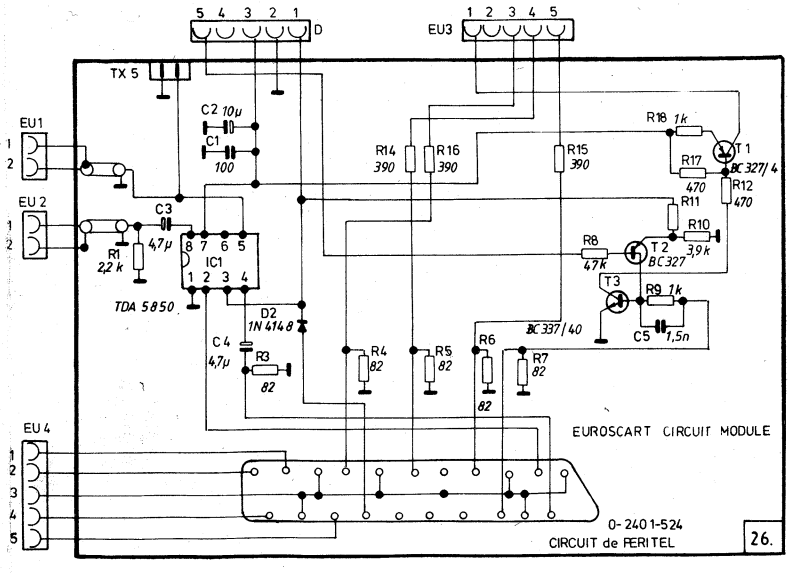
24. SYNC. MODULE 0-2401-394
MODULE de SYNCRONISATION
IC401 TDA 1950

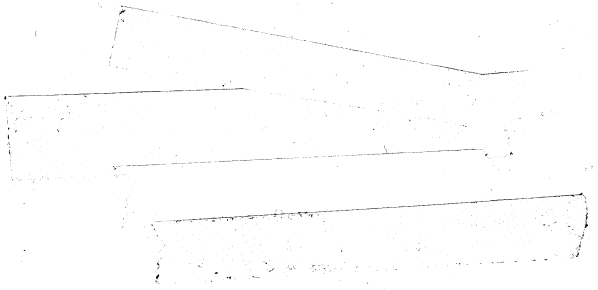
EU 4


MODULE de PAL-SECAM
0-2411-451
PAL-SECAM MODULE
23.
IC1
CD4053 B
IC2
TDA 4292
IC3
TDA 4935
EU3


51.
RGB CIRCUIT AND SOCKET BOARD
0-2401-528
CIRCUIT de RVB et PICTURE TUBE
RGB-BR LEITERPLATTE
TOSHIBA
A 66 JMZ 30 X 01
30kV
focus CONCENTRATIO
ground MASSE
+220V
-12V
PE7058
BC 337/40
BC 327/25
BC 337-25
1N4148
10 N3
R2


IC1
CD4053 B
IC2
TDA 4292
IC3
TDA 4935


TX 5
EU1
EU2
EU3
EU4
IC1
TDA 5850
T1 BC 327/4
T2 BC 327
BC 337/40
EUROSCART CIRCUIT MODULE
0-2401-524
CIRCUIT de PERITEL
26.



11.
B1
T2A
C1
680
L1

10.
TX1
CONTROL UNIT I. 0-1204-246
BEDIENTEIL
UNITE DE COMMANDE

28.

20.
UNITE de HF
HF UNIT 0-1204-212
HF LEITERPLATTE
+17V
+160V
R21 15k
C8 47n
C5 100n
VHF I.
VHF III
UTEN Usynt
C10 100n
Usynt
UHF
+12V
VCR (12V)
L'(0V)
BG/L (0/12)
AFC CAF
AV (12V)
R10 4,7k
R2 470k 50V
D8 BAY93
R1 150k
C1 1µ
D7 BAY93
Brightness Helligkeit
Saturation Farbsättigung
kontrast
Mute
Volume Lautstärke
D5 BAY93
C15 1000µ
Balance
Treble Aigu
Bass Bas
Uref
R15 47
AV(12V)
+17V
E1
E2

TUNER 0-2220-296
VHF/UHF 75 Ω
VHF I.
VHF III
UTUN
KF
21.
BAY93 D1
UAGC
R6 3,3k
C4 100µ
R12 2,2M
D3 BAY93 ZPD15
R13 470k
C17 100µF
C14 100n

MODULE d'IMAGE FJ
PICTURE-SOUND IF MODULE
0-2220-309 ZF-NF MODUL
IF
CAF (sortie) AFC out
AFC off/on
marche/arrêt
22.
video out
L'(12V)
UAGC
BG/L/(0/12V)
KS
20.
C11 47
26.
EU1
+12V
LM340T
C2 100µ
IC1
C3 22µ
+17V
+12V

EUROSCART CIRCUIT MODULE
0-2401-457
MODULE de CIRCUIT PERITEL
26.
TX4
TX5
video entrée
video sortie
L(entrée)
12 V
AV(12V)
Tension de commutation
Switch voltage
L(sortie)
video CR
video out
R(on)
L(on)
T
R(out)
L(out)
RGB
20.
EU1
EU2
25.
EU4
R G B
23.
EU3
51.
CIRCU
RGB-
R
P-S M
0-2411-451
Contraste
contrast
Luminosité
Brightness
Saturation
R20 1k
R8 560
R

Signal de video
video Signal
Son
Ton
Sound
20.
0-2401-473
SYNCRON MODULE
MODULE de SYNC. muet
24.
R14 2,2k
R7 10
Vert.
Sync.
Line drive
+12V
R23 5,6k
C16 22µ
Blanking vertical
Frame blanking

TON MODUL
MODULE de SON
SOUND MODULE
0-2401-502
R1 II.
R 14 13 12 11
L 10 9 8 7 6 5 4 3 2 1
H 1 2 3 4 5
R 1
L 2
3
R 4
L 5
26.
+220V
+150V
beam current
Frein de faisc
EU2
26.

SUPPLY UNIT
0-1204-211
UNITE d'ALIMENTATION
SPEISE MODUL
J
K
SPULE
DEMAGN.
YOKE
BOBIN de DEMAGN
30.
S4
20.
N
1 2 3 4 5

40 ABLENK LEITERPLATTE
42.
0-2401-530
VERTICAL MODULE
MODULE de VERTICAL
DEFLECTION UNIT
0-1204-247
UNITE de DEFLECTION
26V
R15 3,3
C11 1000µF
R40 100k
R22 820k
D14 BA 159
P6 220k
C13 1n
R41 8,2k
D7 BA157
- 50Vp
C47 1µ
R18 1 k
R45 680
C12 22n
C10 6,8n
R20 5,6k
R17 4,7k
D2 ZPD18
R30 330
R21 820
C14 4700µ
R31 390
P2
R28 330
26V
2,2k
Vertical shift
Cadrage vertical
Vert. lage
+150V
+ 25V
L
150V
D15 ZY100
R34 330
C7 150n
R4 3,3k
D3 BA157
R5 1
TR2
C8 470n
R3 1,8k
T2
C9 1n
BC 337/25
0-2401-485
O-W
F-W
MODULE
43.
MODULE de E-O
220V
+50Vp - 50Vp
+150V
F
9 8 7 6 5 4 3 2 1
C4 33n
R1 330k
P1 470k
R2 220k
C3 33n
L3
C27 1,5µ
T1
S2000 (1)
R36 100
C33 9,1n
D8
D12
R43 0,68
C43 330
C44 22µ
D9 BA159
3x BY 299
C34 17n
D10
C25 1,5µ
L4
TR1
51/S

EUROSCART CIRCUIT MODULE 26.
0-2401-457
MODULE de CIRCUIT PERITEL

51. RGB CIRCUIT AND SOCKET BOARD
0-2401-464
CIRCUIT de RVB et PICTURE TUBE
RGB-BR LEITERPLATTE

Aquadag

A 66 JMZ 30x01
TOSH BA

26,5 kV

Marche = ov
On = ov
N3 Stand by = 24V
En veille = 24V
10

video entrée
video sortie
L (entrée)
Tension de commutation
Switch voltage
L (sortie)
R (in) R (out) L (out) RGB

R G B +12V 220V

Focus
Concentration
40/g2 40/f 40/f
Heating
Filament
Heizung

25. EU4 R G B 23. EU3 R2 R1

P-S MODULE 23.
MODULE de PAL/SECAM
+12V +220V

LM 340T
+17V +12V
C2 100µ IC1 C3 22µ

0-2411-451
EU3 26.

Ft1 +12V
C6 100n C13 220µ

25. 5 4 3 2 1 H
Loudspeaker
Lautspeaker

IMAGE FJ
SOUND IF MODULE
2220-309 ZF-NF MODUL

22.
+12V C11 47 EU1 26.
video out
Contraste
contrast
-2,5Vcs R5 10k R4 1k
KS 20.
Luminosité
Brightness
Saturation
+12V R17 3,9k C12 10µ
video on
1,8 Vcs
R20 1k
+12V C9 47n
Signal de video
video Signal
R8 560 T1 BC 337 R18 1,5 k R9 120
MODULE de SYNC. muet
II.
R23 5,6k C16 22µ T2 BC 337
Blanking vertical
Frame blanking
Vert. Sync. Line drive
+150V
beam current
Frein de faisceau
EU2 26.

S4 10.

6 5 4 3 2 1
-50Vp +150V

51/S 51/f 51/f
C4 33n L2
R1 330k P1 470k R2 220k
S1 BG-
D A F
26,5 kV
Focus
Concentration
L3 C27 1,5µ
C3 33n
3x BY 299
T1 S2000 (1)
C33 9,1n D8 R43 0,68 D12 BA 159 C43 330 D9 C44 22µ
220V D10 C34 17n C25 1,5µ
C5 560n R37 220 D11 BA 157 R9 150 C31 1n L1 sor lin.
C6 1µ
R6 22 + 50Vp
R7 22 -50Vp C45
R44 0,68 330 26V C46 470µ 150V R26 VII 15
TR1 D13 BA 159 L4
R34 330
0-2401-485
O-W F-W MODULE 43.
MODULE de E-O

DEFLECTION YOKE
(TOSHIBA)
4 3
2 1

Bobine de deflection
Ablenk spule
Deflection Yoke
M 1 2 3 4 5 6 7 8 9

40 TR1

Il est nécessaire d'utiliser le transformateur de séparation pendant la mesure des unités d'alimentation.
Il est interdit de tirer le module de l'appareil en fonction!

⚠ Designation de sécurité!

A l'intéret de la sécurité, les pièces de rechange peuvent être échangées seulement par celles prescrites par la documentation, en respectant les prescriptions de montage.
Le droit de changement es maintenu!

Bei der Messung an Bem Netzteil Trentrafo verwenden!
Während das Gerät in Betrieb ist, keine Module entfernen!

⚠ Sicherheitsbezeichnung!

Im Interesse der Sicherheit dürfen die bezeichneten Teile nur gegen die in der Dokumentation vorgeschriebenen Teile erzetz werden Die Montagevorschrift muss eingehalten werden.
Anderungen vorbehalten!

On measuring the Psu an isolating transformer must be used!
It is prohibited to withdraw modules when the set is working!

⚠ SAFETY!

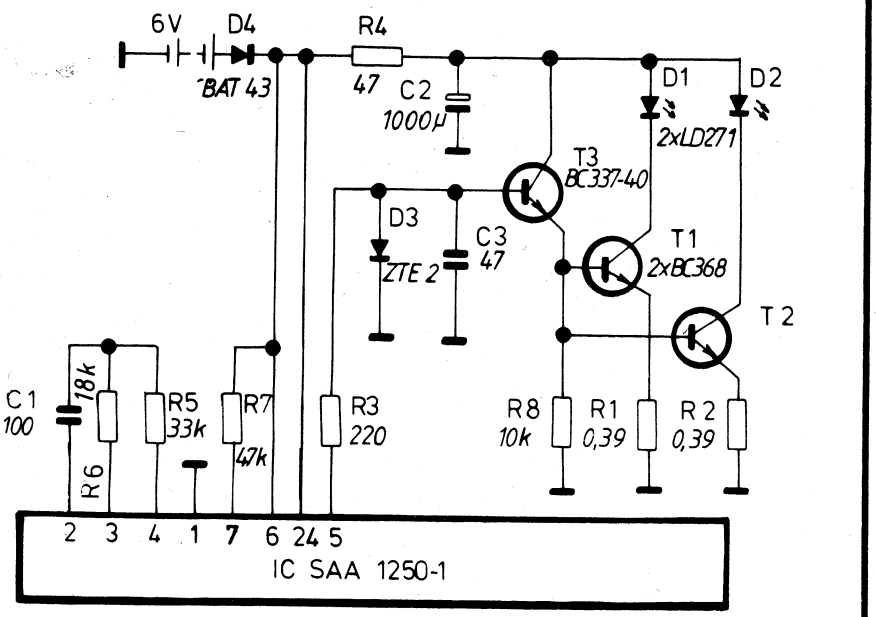
Safet components in accordance with existing safety regulations.
These components can be replaced with original parts only!
Right of alteration reserved!

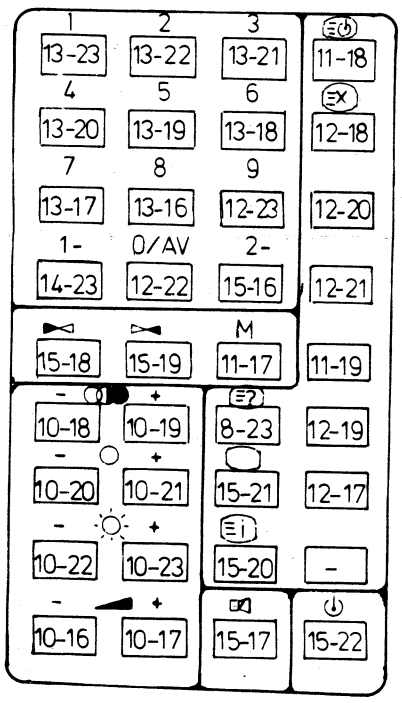
SCHALTBILD CIRCUIT DIAGRAM
SCHEMA THEORIQVE
0-0104-112
WT 770 (WT 6328)
A.
BLATT 1
SHEET 1
1-IEME PAGE

89.06.16.

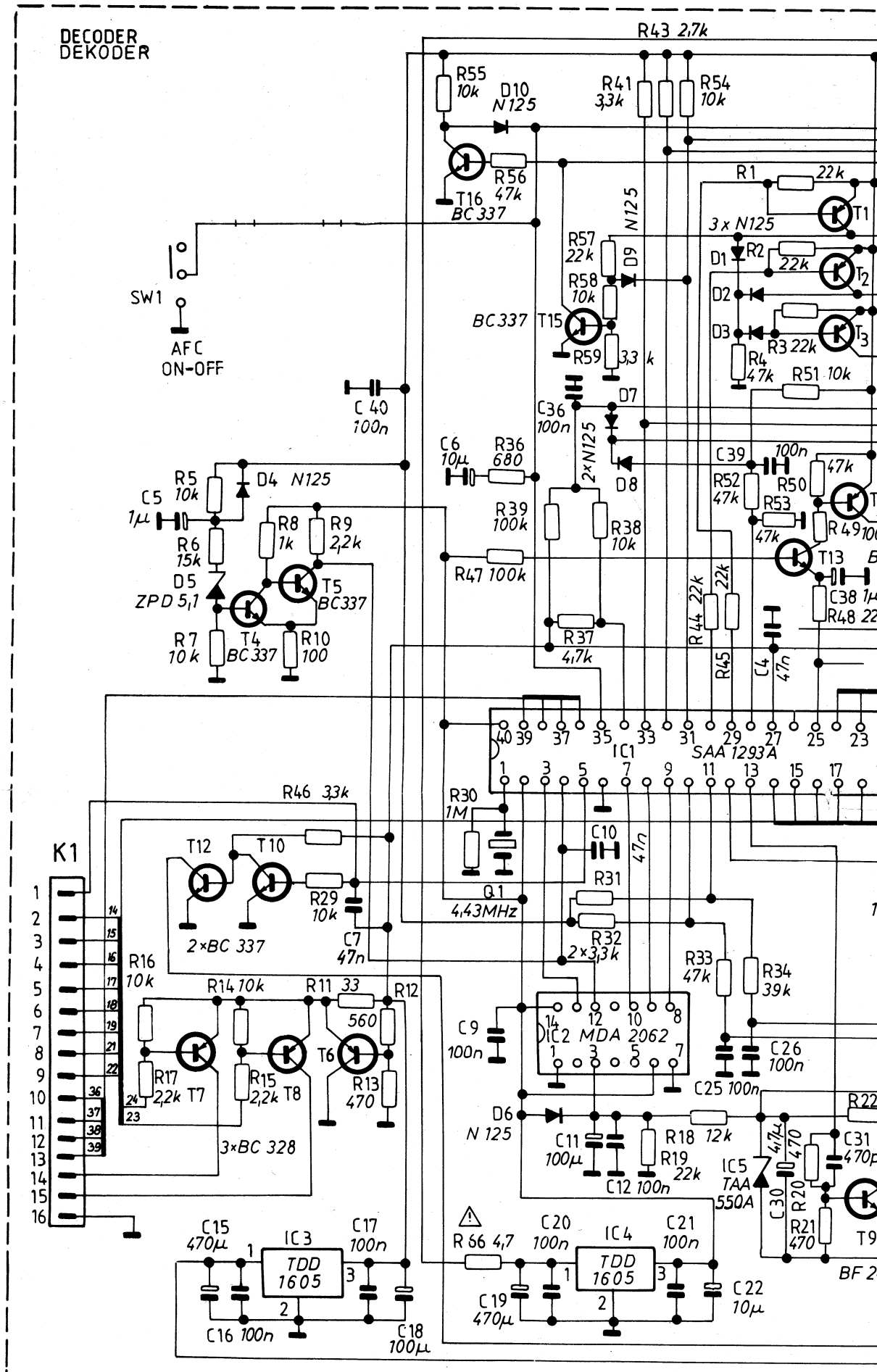
TRANSMITTER
TÉLECOMMANDEUR
0-2225-286

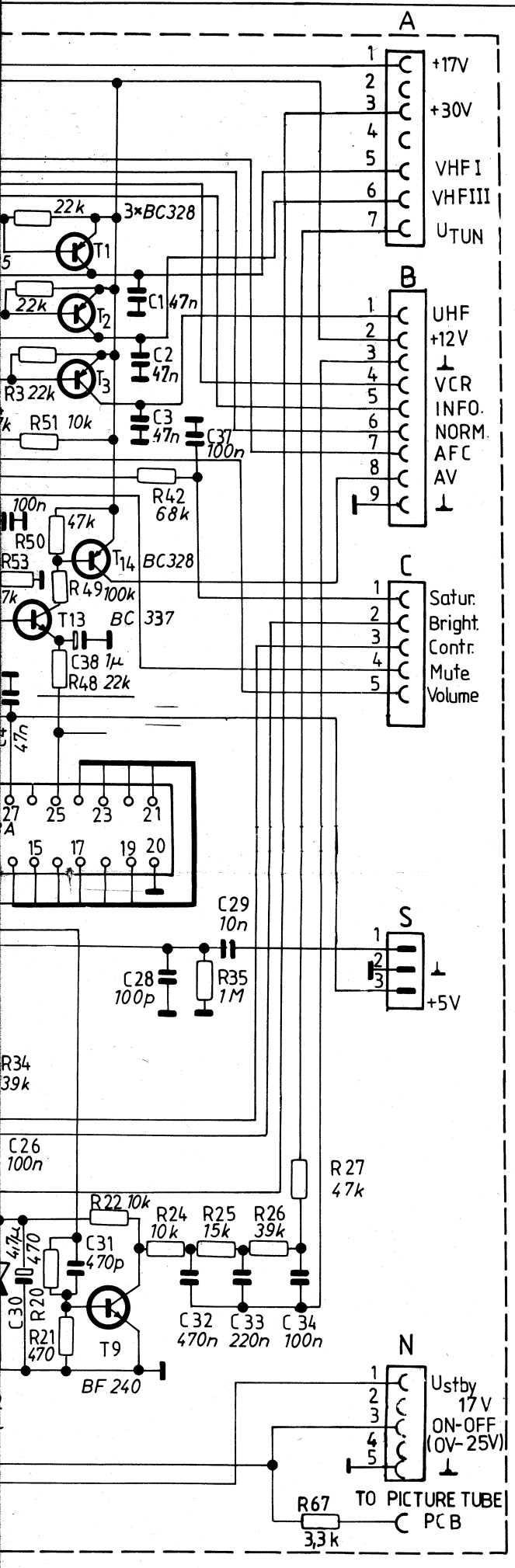
IR SENDER



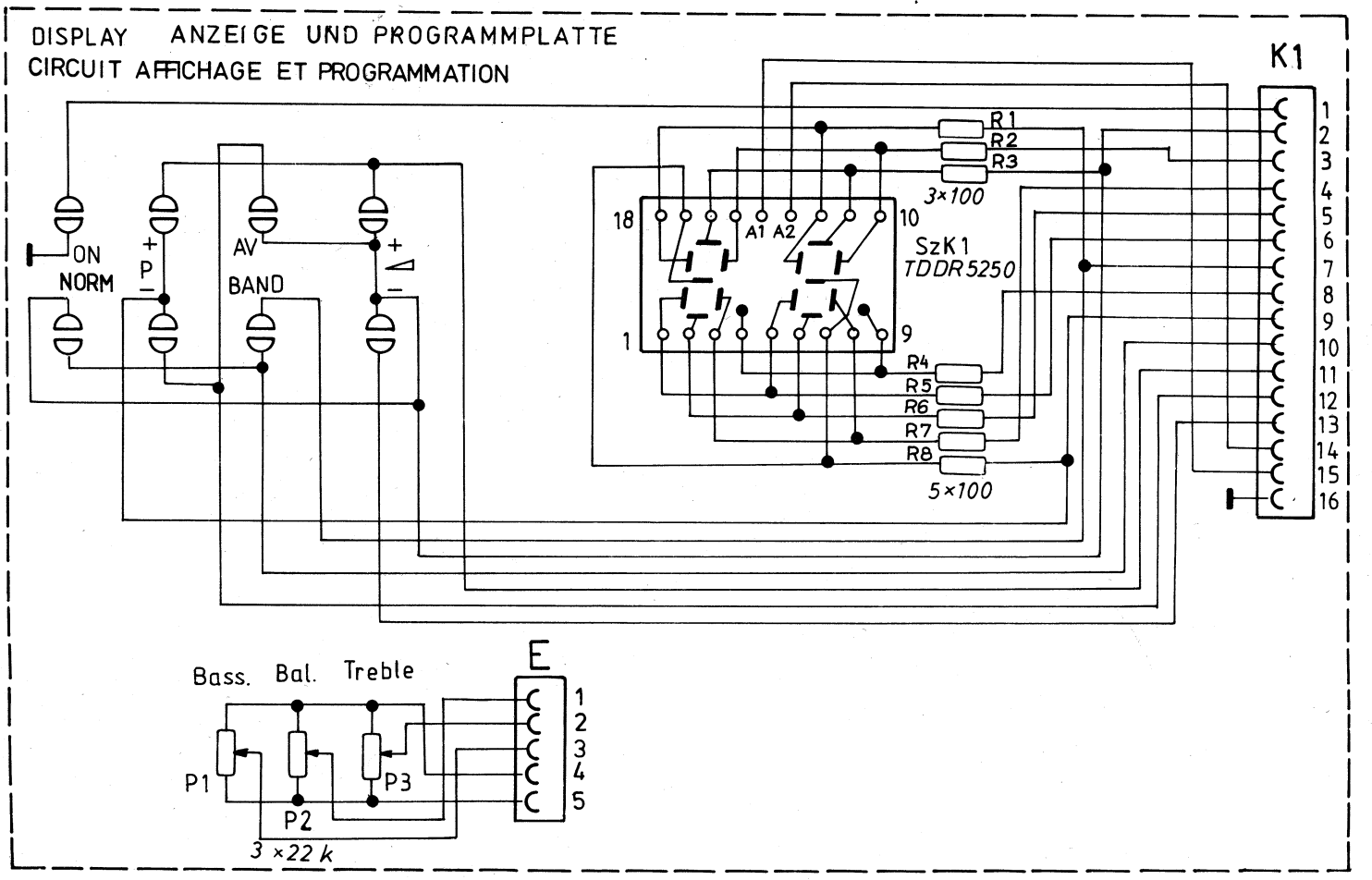


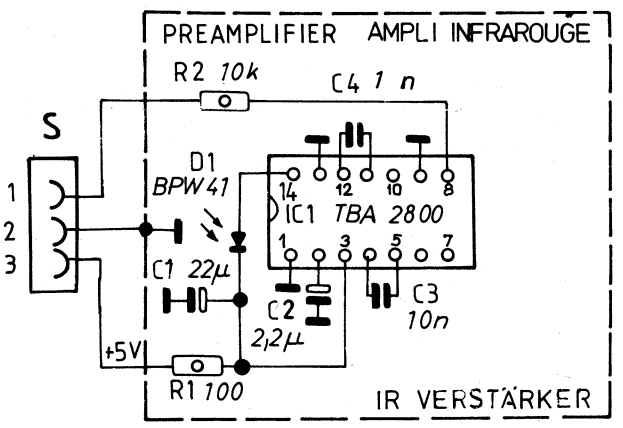
DECODER
DEKODER

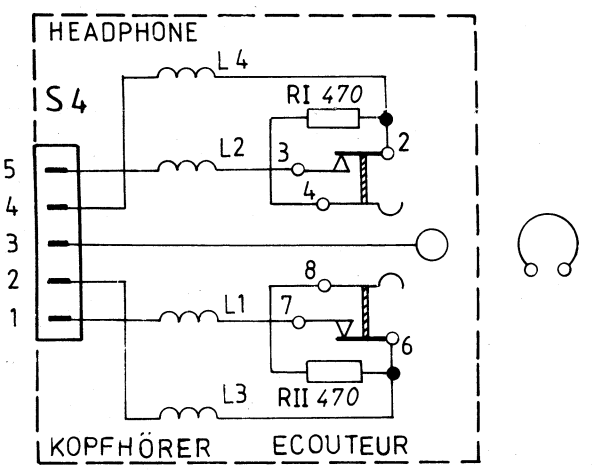




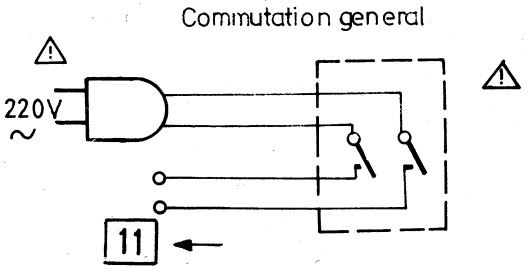
DISPLAY ANZEIGE UND PROGRAMMPLATTE
CIRCUIT AFFICHAGE ET PROGRAMMATION







MAIN SWITCH
Commutation general



BEDIENTEIL

SCHEMA THEORIQVE

CONTROL UNIT
SCHALTBILD

CIRCUIT DIAGRAM

89.06.16.
BLATT 2
SHEET 2

2-IEME PAGE

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